

Rare Plants of Louisiana



Ludwigia alata - winged primrose willow Evening Primrose Family (Onagraceae)

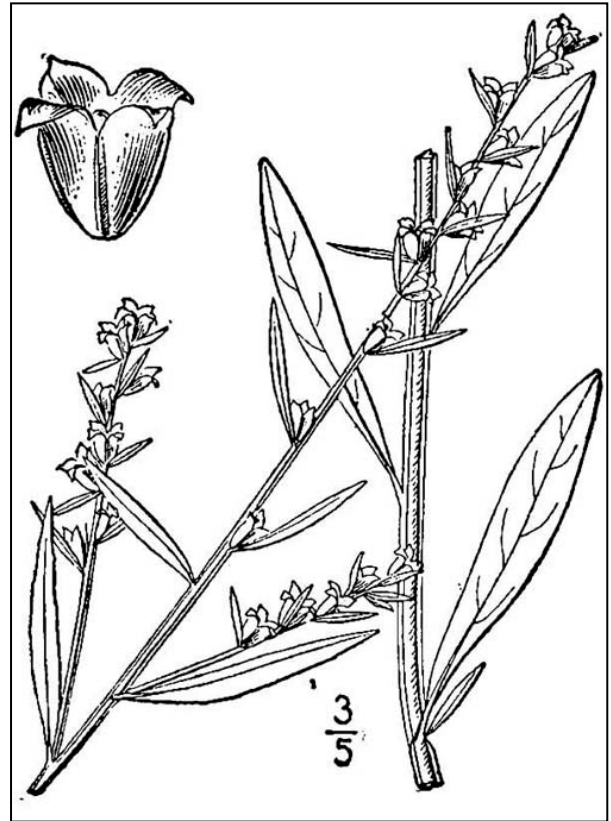
Rarity Rank: S1/G3G5

	1	2	3	4	5
State					
Global					
	imperiled		rare		secure

Range: AL, FL, GA, LA, MS, NC, SC, VA

Recognition:

- A slender, erect, glabrous perennial 0.4 to 0.8 m tall, simple or moderately branching
- Submerged portions of the stem are spongy, as is the case with other *Ludwigia* spp.; has leafy autumnal stolons
- Leaves alternate, narrowly lanceolate or linear, 3 to 6 cm long by 2 to 8 mm wide, acute at tips and bases
- Flowers solitary, sessile in the leaf axils, well-separated rather than congested
- Petals absent, sepals 4
- Fruit is a 4-angled capsule, the angles narrowly winged, 3 to 4 mm long by the same in width



USDA-NRCS PLANTS Database / Britton, N.L., and A. Brown. 1913. *Illustrated flora of the northern states and Canada*. Vol. 2: 587.

Flowering Time: June to September

Light Requirement: Full sun to part shade

Wetland Indicator Status:

OBL – almost always in wetlands

Habitat:

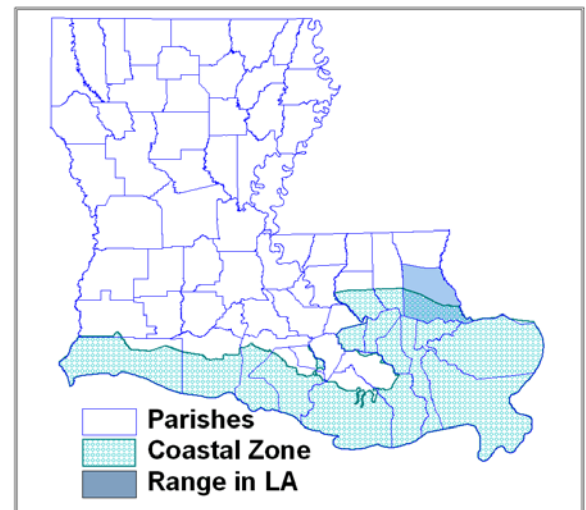
Louisiana stations represent the westernmost in the range of this species. Here it has been found in wet depressions in longleaf/slash pine flatwoods near the north shore of Lake Pontchartrain.

Threats:

Salt water intrusion (?)

Beneficial Management Practices:

Conduct field inventory work to determine current status



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LA River Basins: Pearl, Pontchartrain



Specimen of *Ludwigia alata*. Courtesy of LSU Herbarium.

References:

- Clewell, A. F. 1985. Guide to the vascular plants of the Florida Panhandle. University Presses of Florida. Florida State University Press, Tallahassee. 605 pp.
- Duncan, W. H. and M. B. Duncan. 1987. The Smithsonian guide to seaside plants of the Gulf and Atlantic Coasts. Smithsonian Institution, Washington, D.C. 409 pp.
- Godfrey, R. K. and J. W. Wooten. 1981. Aquatic and wetland plants of southeastern United States: dicotyledons. University of Georgia Press. Athens, GA. 933 pp.
- NatureServe. 2007. NatureServe Explorer: An online encyclopedia of life [web application]. Version 6.2. NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>.

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For more information, please visit our Web pages at

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